

Inventors: Luecke and Prosise
Filed: September 15, 2003
Serial No.: 10/663,347
Page 2

In the specification:

Please delete the first paragraph on page 10
(lines 1-5) of the specification and replace with the following
paragraph:

In one embodiment, the invention provides atomic
coordinates for the bound complex of *T. foetus* inosine
monophosphate dehydrogenase (IMPDH) (SEQ ID NO:2) with inosine
monophosphate (IMP). The atomic coordinates for the IMPDH-IMP
complex are provided in Table 2.

Please delete the second paragraph on page 10
(lines 7-11) of the specification and replace with the following
paragraph:

In another embodiment, the invention provides atomic
coordinates for the bound complex of *T. foetus* IMPDH
(SEQ ID NO:2) with IMP and mycophenolic acid (also referred to
herein as MOA or MOA). The atomic coordinates for the IMPDH-
IMP-MOA ternary complex are provided in Table 3.

Please delete the third paragraph on page 10
(lines 13-17) of the specification and replace with the
following paragraph:

In a further embodiment, this invention further
provides atomic coordinates for the bound complex of *T. foetus*
IMPDH (SEQ ID NO:1) with xanthosine monophosphate (XMP) and MOA.

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The atomic coordinates for the IMPDH-XMP-MOA ternary complex are provided in Table 4.

Please delete the fourth paragraph on page 10 (lines 19-23) of the specification and replace with the following paragraph:

Also provided by the invention are atomic coordinates for the bound complex of *T. foetus* IMPDH (SEQ ID NO:1) with xanthosine monophosphate (XMP) and nicotinic adenine dinucleotide (NAD). The atomic coordinates for the IMPDH-XMP-NAD ternary complex are provided in Table 5.

Please delete the fifth paragraph on page 10 (lines 25-29) of the specification and replace with the following paragraph:

The invention further provides atomic coordinates for the bound complex of *T. foetus* IMPDH (SEQ ID NO:2) with ribovirin (1- β -D-ribofuranosyl-1,2,4-triazole-3-carboxamide.) The atomic coordinates for the IMPDH-ribovirin complex are provided in Table 7.

Please delete the last paragraph on page 10 (lines 31-32) of the specification, which spans to line 2 of page 11, and replace with the following paragraph:

The invention further provides atomic coordinates for the bound complex of *T. foetus* IMPDH (SEQ ID NO:1) with ribovirin and MOA. The atomic coordinates for the IMPDH-ribovirin complex are provided in Table 6.